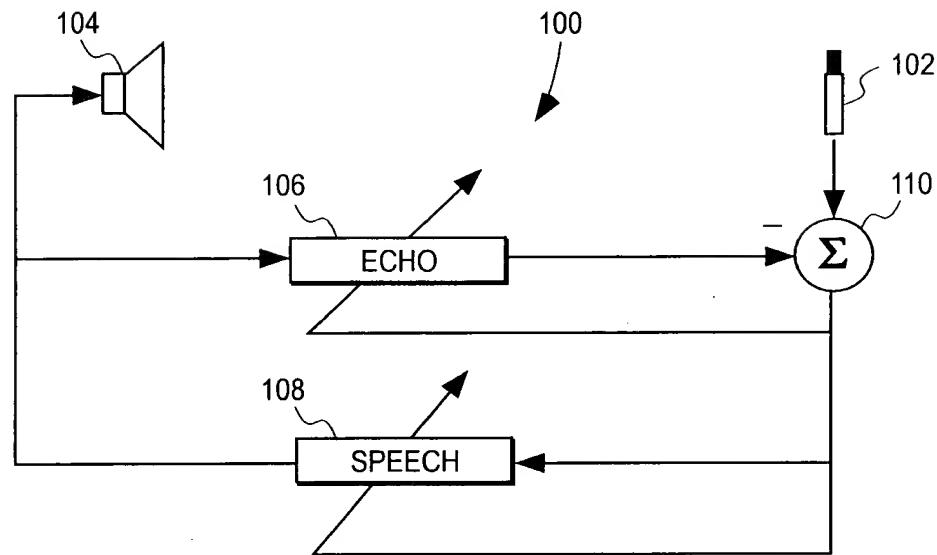
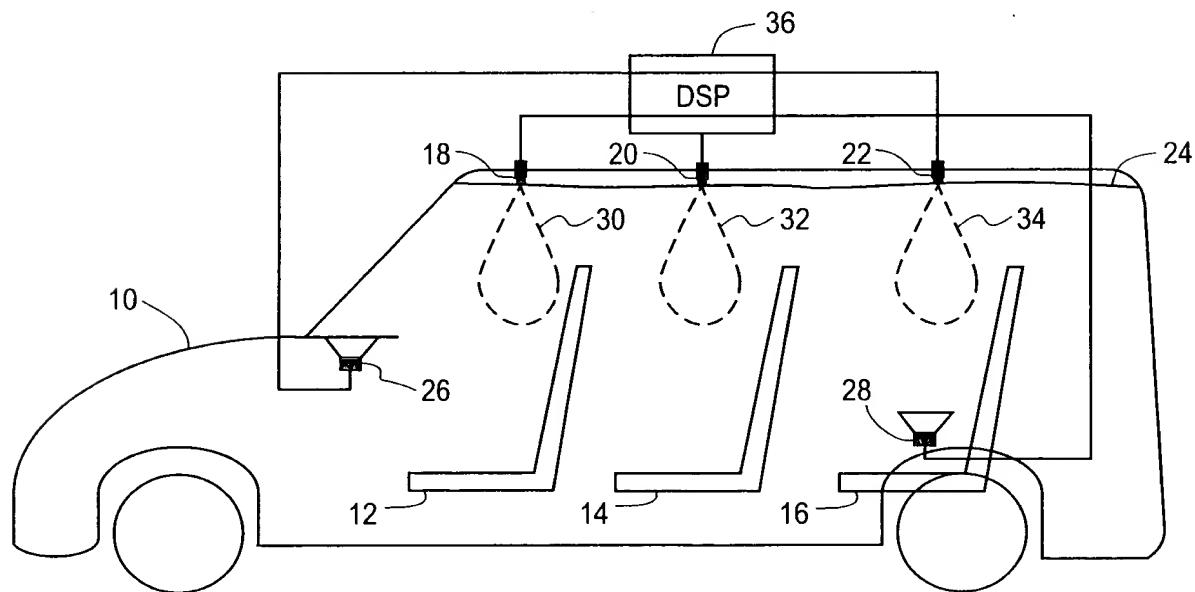


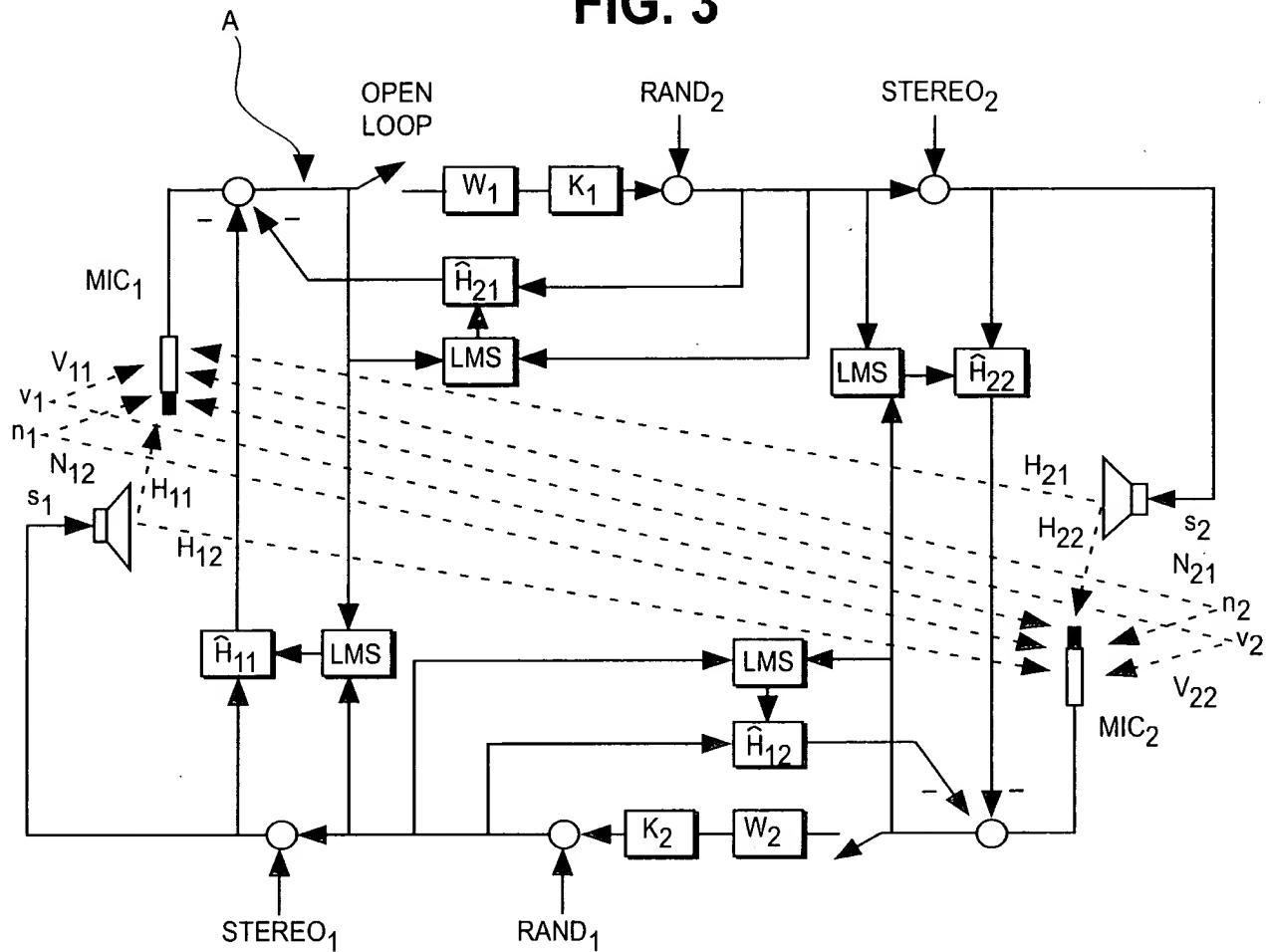
**FIG. 1**



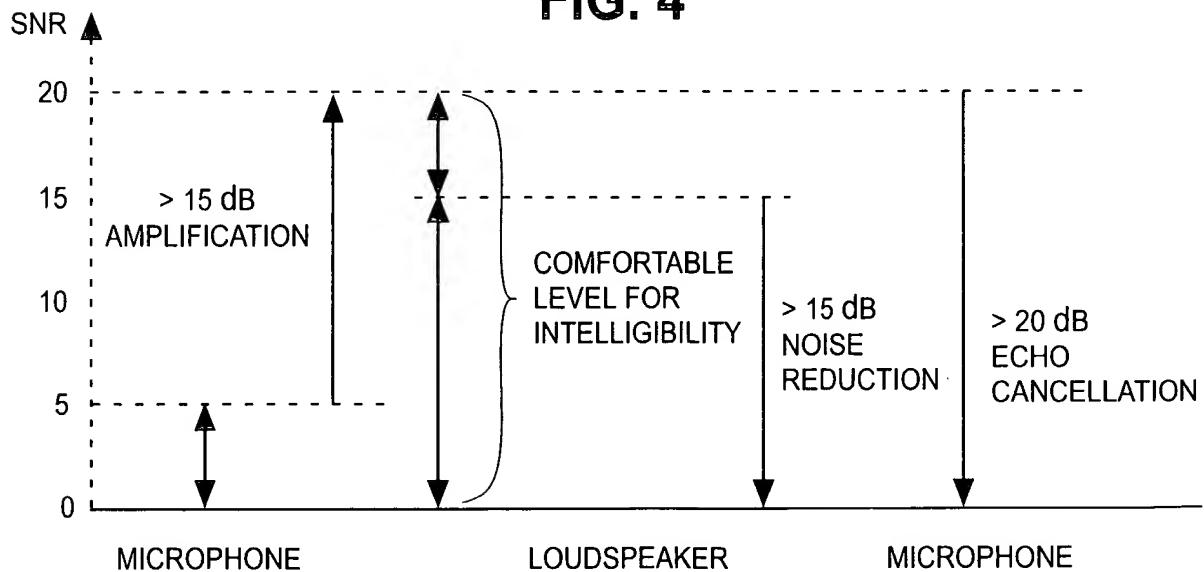
**FIG. 2**



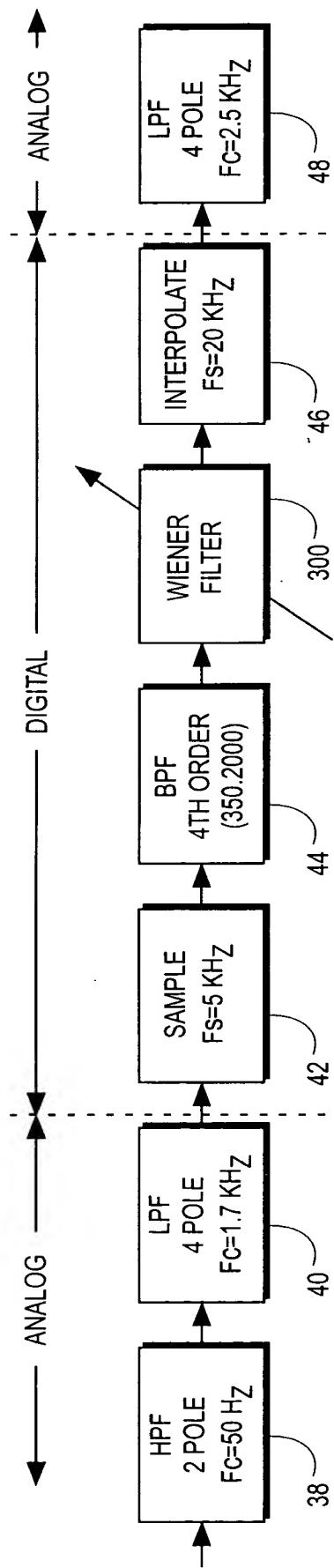
**FIG. 3**



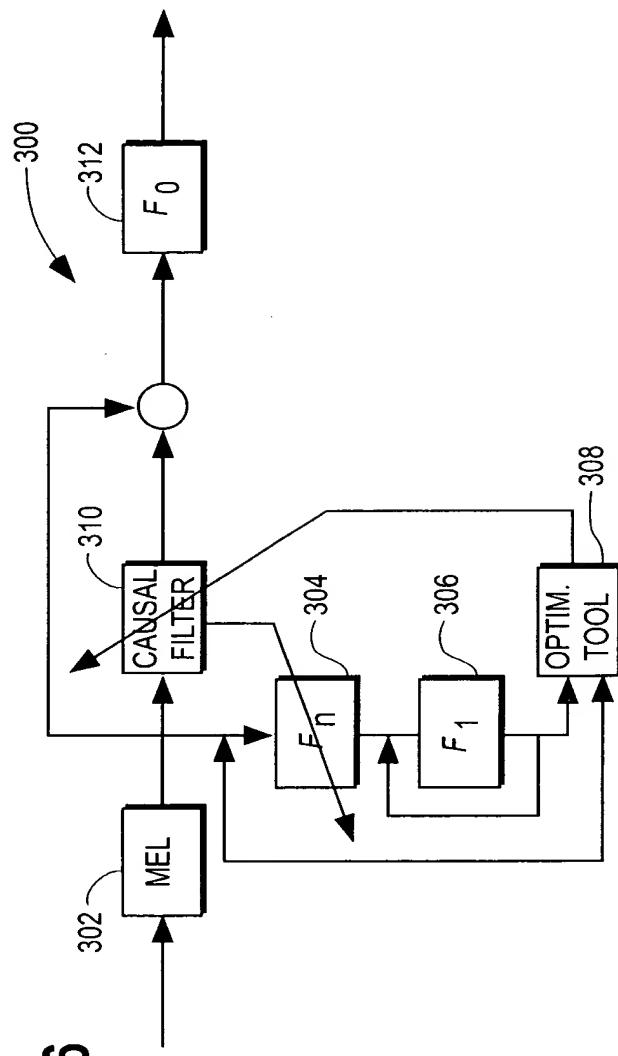
**FIG. 4**



**FIG. 5**



**FIG. 6**

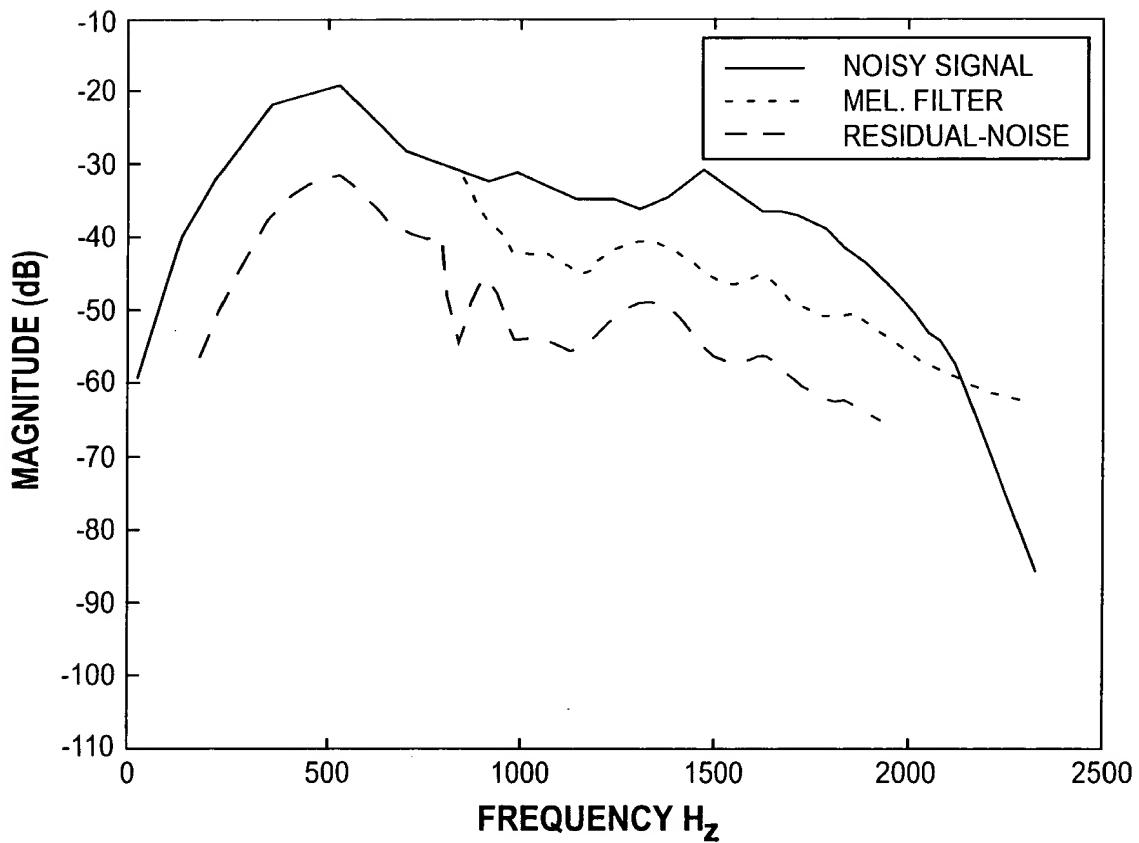


CORRECTED DRAWINGS  
ADAPTIVE FILTER FOR SPEECH ENHANCEMENT IN  
NOISY ENVIRONMENT

Name of Inventors: Venkatesh et al.  
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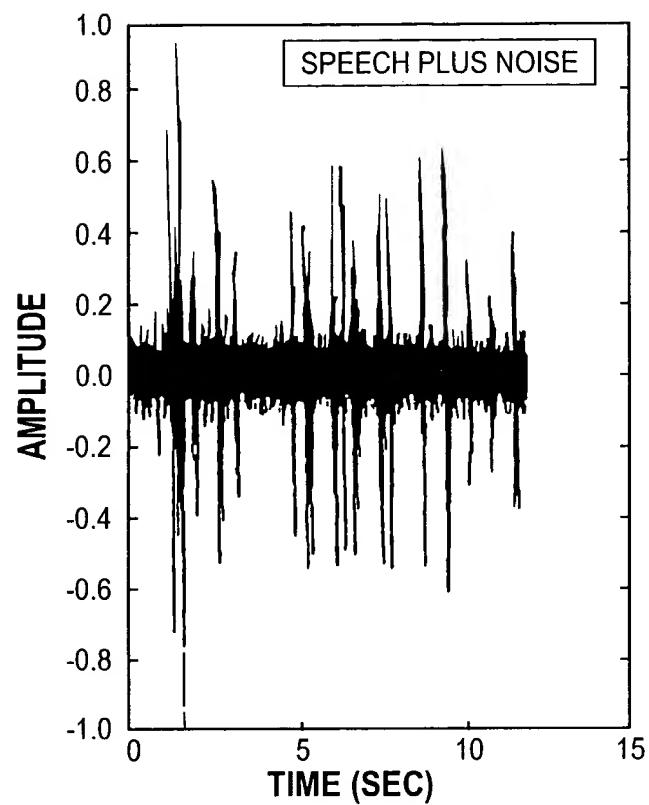
**FIG. 7**



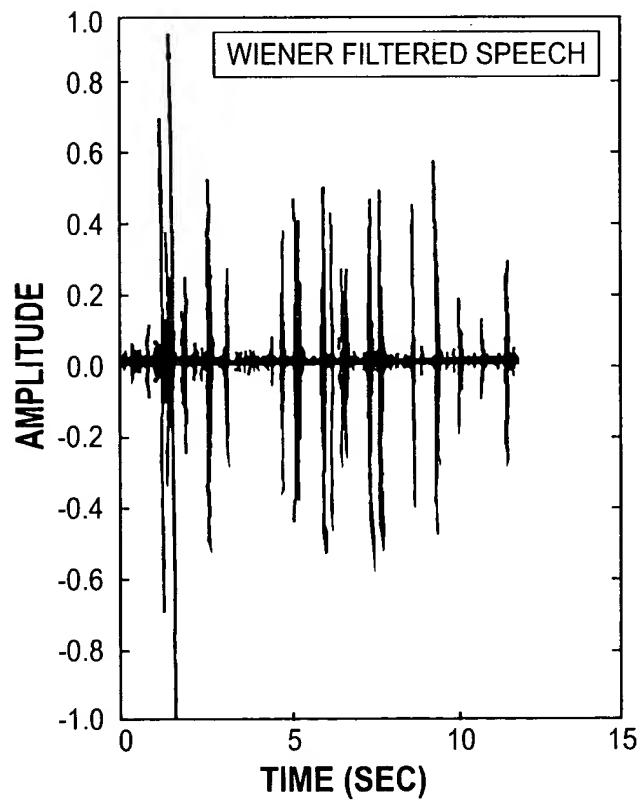
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**FIG. 8**

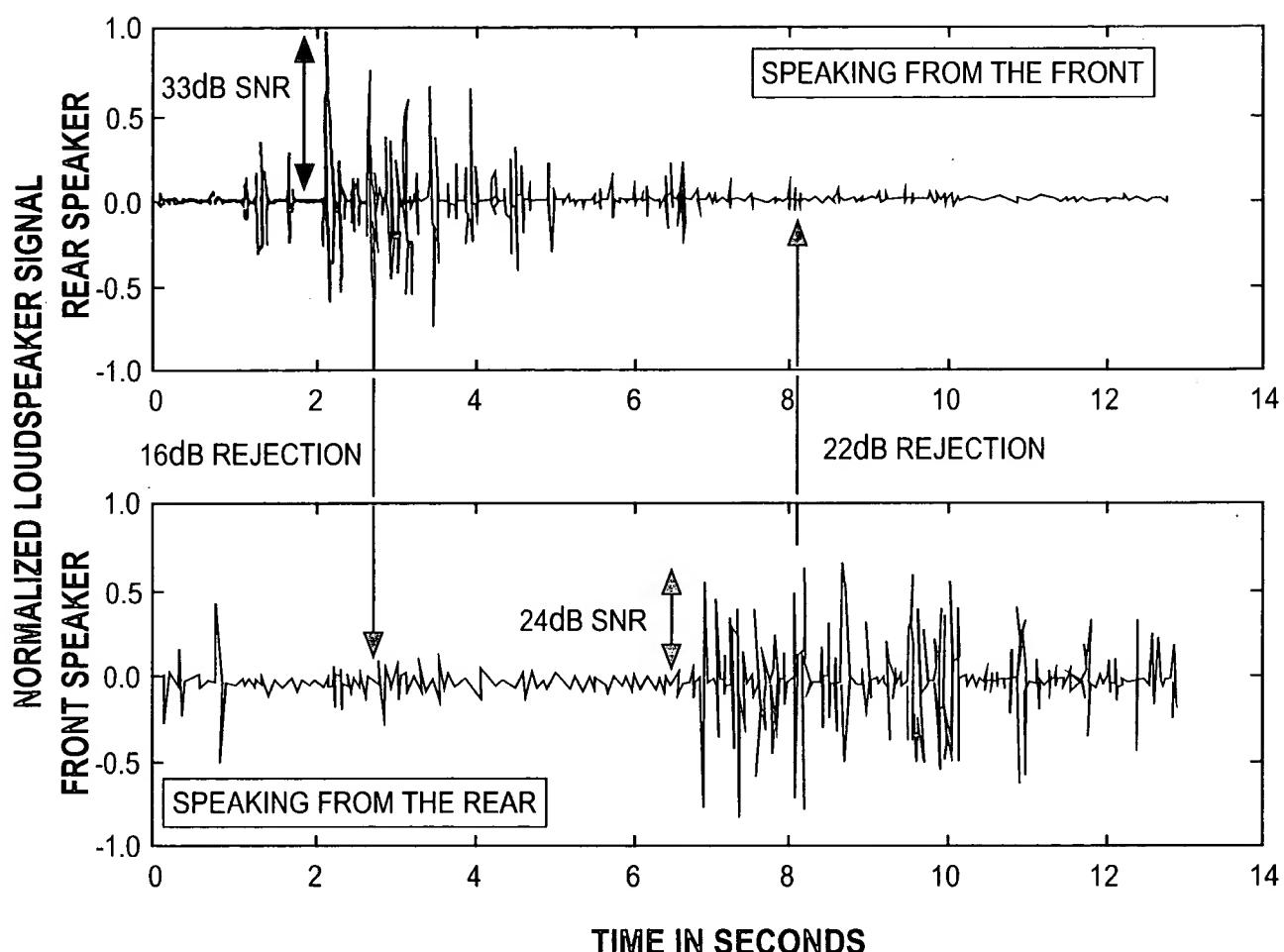


**FIG. 9**

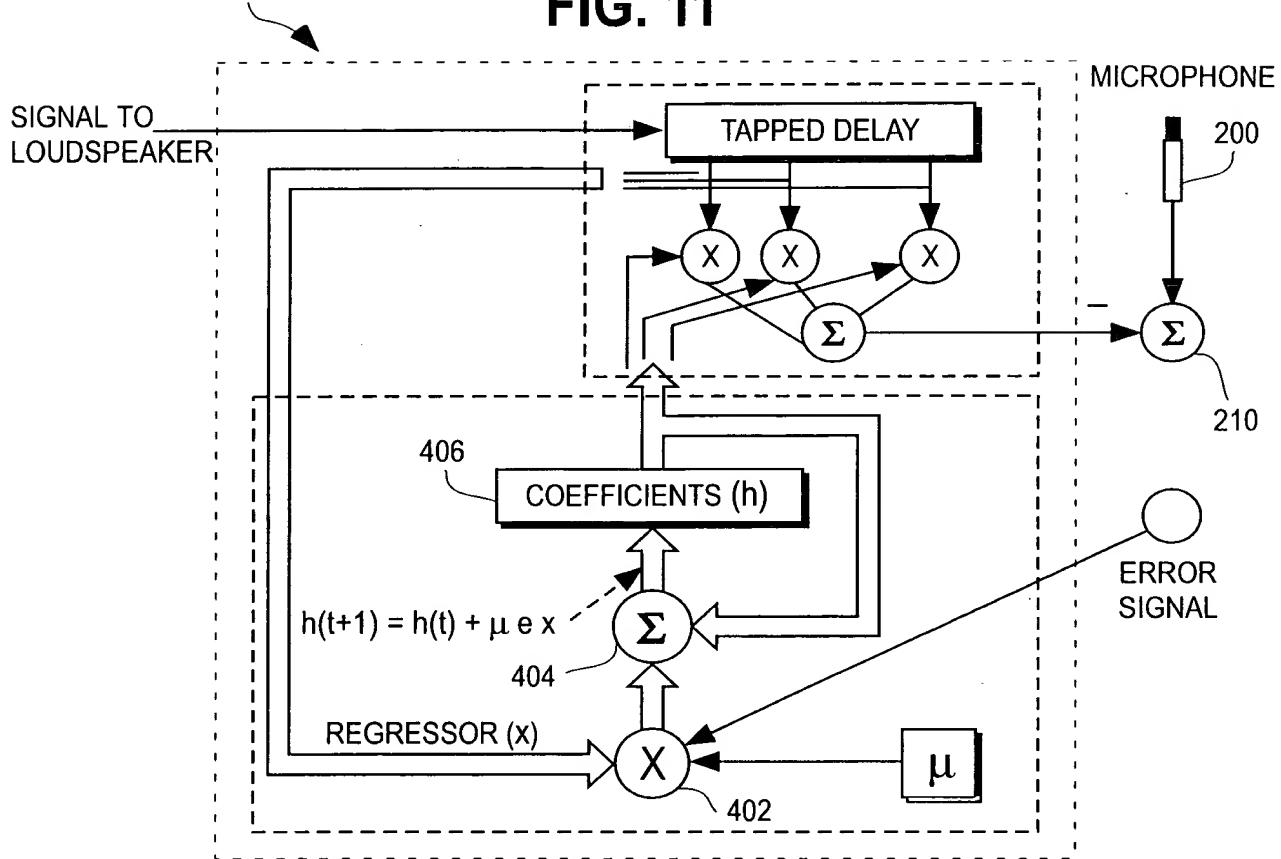


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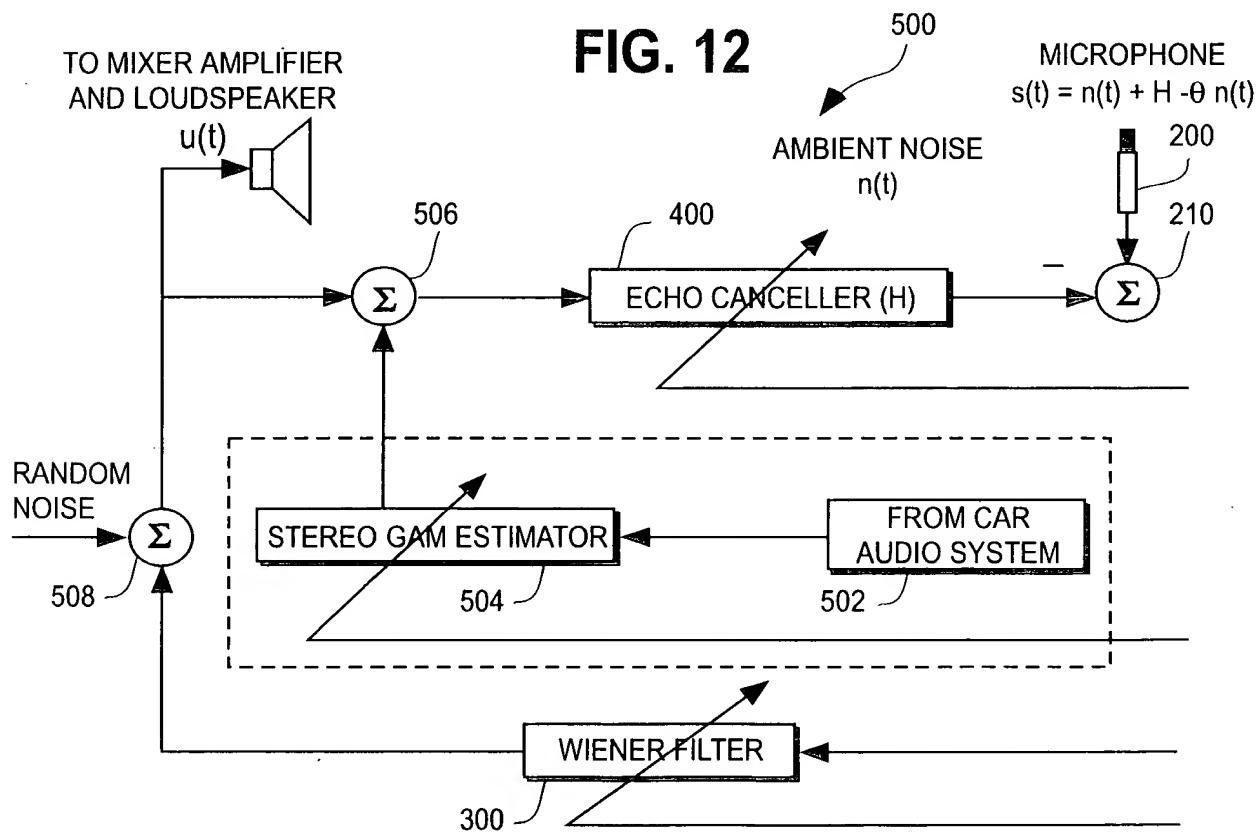
**FIG. 10**



**FIG. 11**



**FIG. 12**



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## FIG. 13

```
m=20;delays=30;sig=.00;n=170;
y=filter(h,1,r)+sig*n;
htp1=ht(1:delays+m);
pn=eye(m);
L=length(ht);
ind=delays+m:m:n;
lind=length(ind);
kg=zeros(m,(lind-1) *m+1);

for j=1:lind
ind0(1:m,j)=[(j-1) *m+1:j *m] +delays;
end
htemp=ht(ind0);

for k=200:10000
ind1=k-ind0;
[htemp(:,1)k0,pn,an]=rls1(pn,y(k-1),r(ind1(:,1)),htemp(:,1),1);

for l=(ind-1) *m:-1:1
kg(:,l+1)=kg(:,l);
end

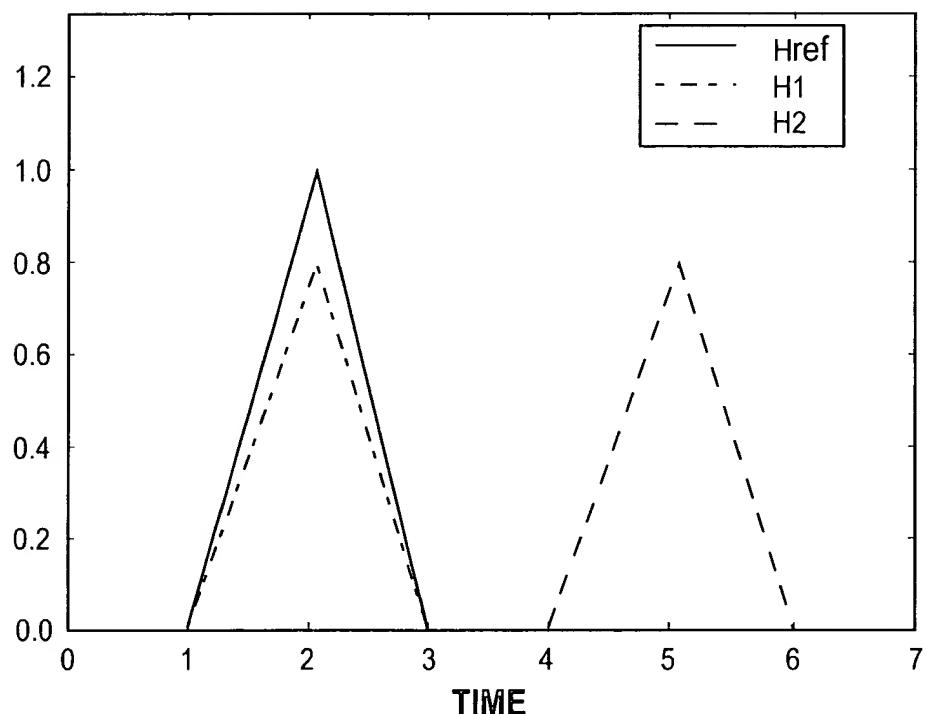
kg(:,1)=k0;

for j=2:lind
htemp(:,j)=htemp(:,j)+kg(:,j-1) *m+1)*(an-htemp(:,j)l *r(ind1(:,j)));
end
```

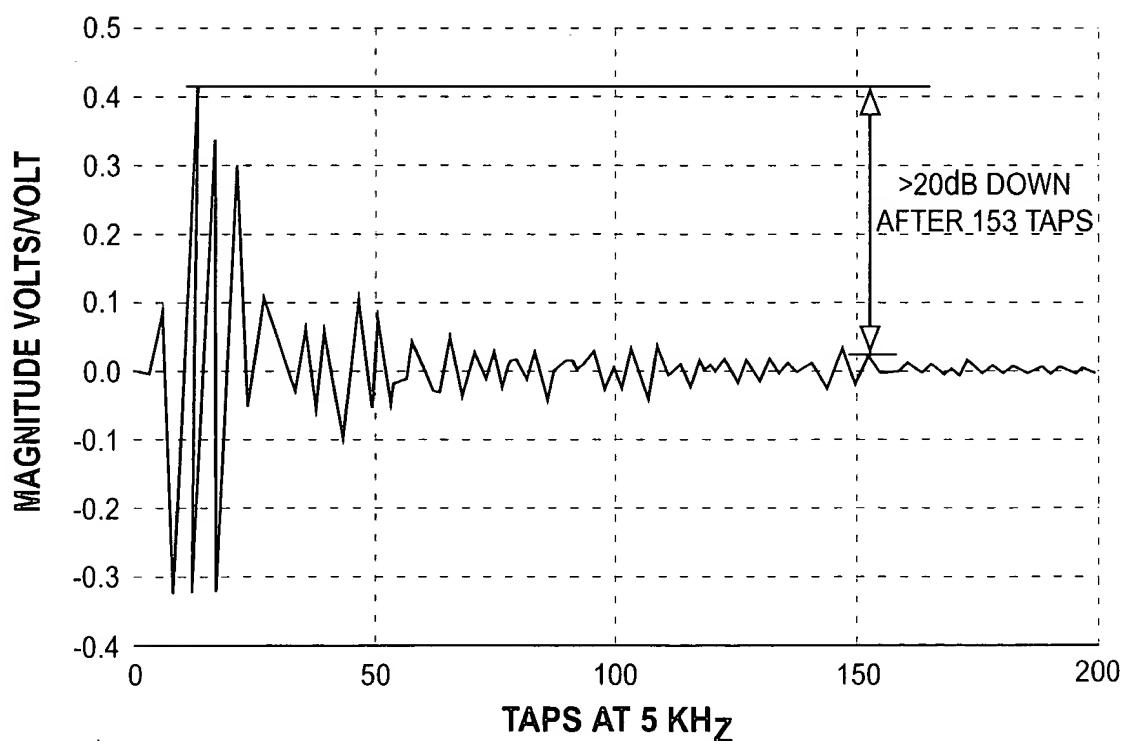
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**FIG. 14**



**FIG. 15**



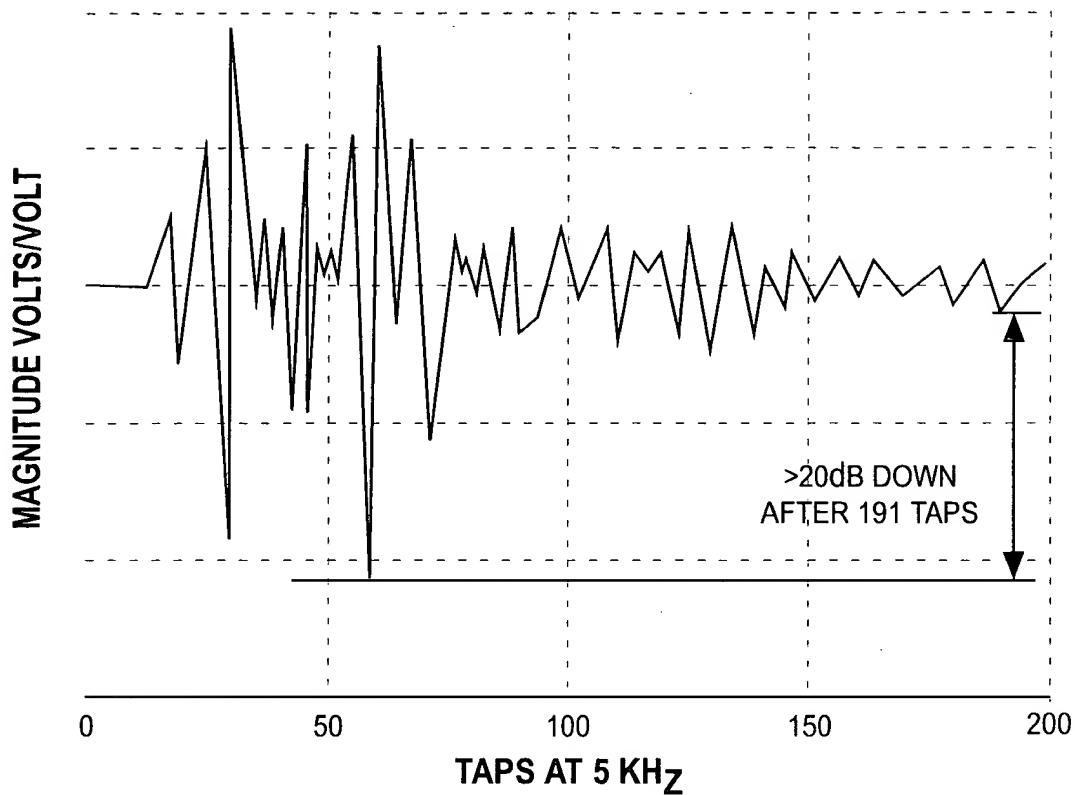
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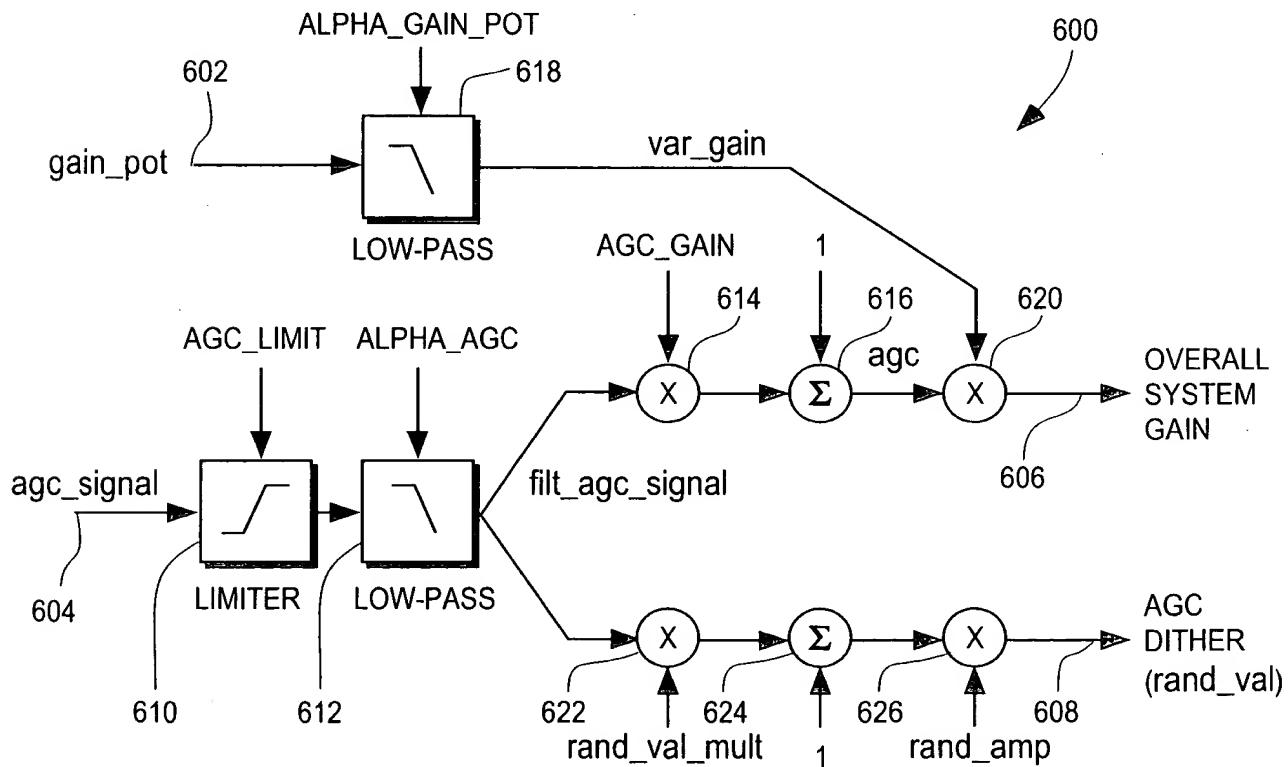
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**FIG. 16**



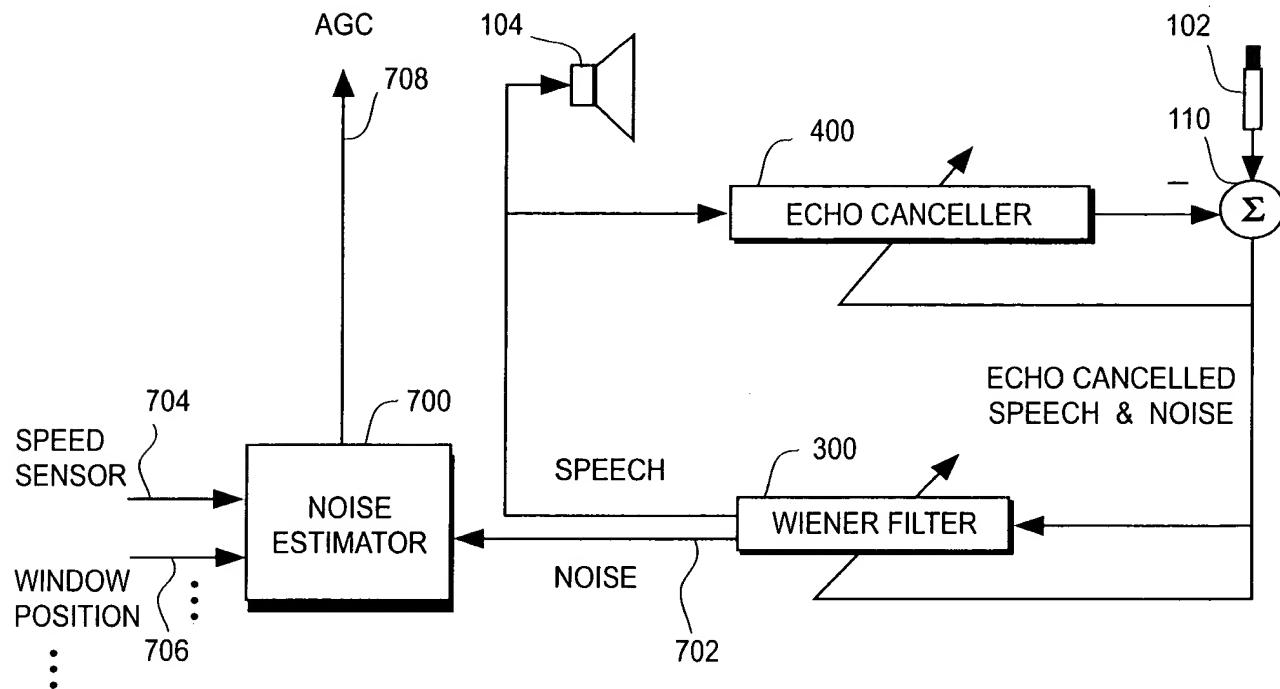
**FIG. 17**



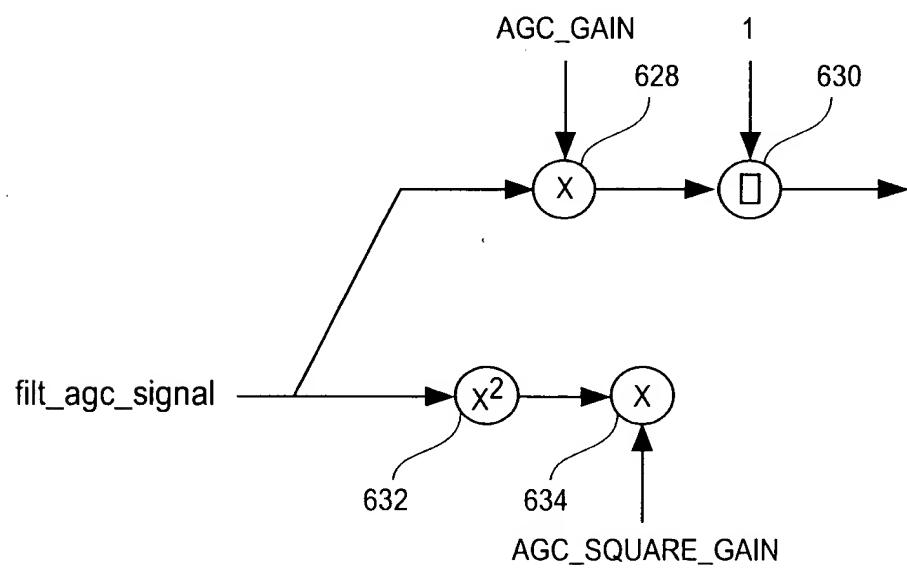
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**FIG. 18**



**FIG. 19**



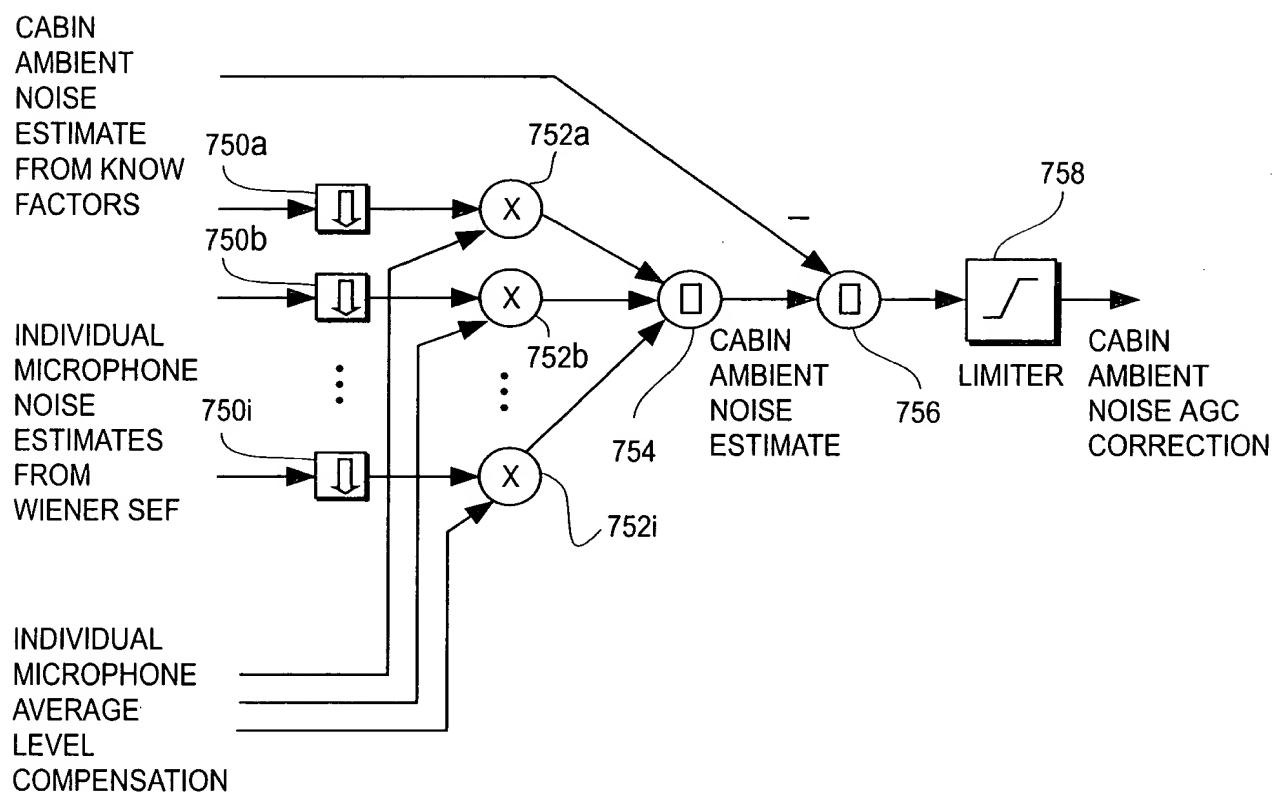
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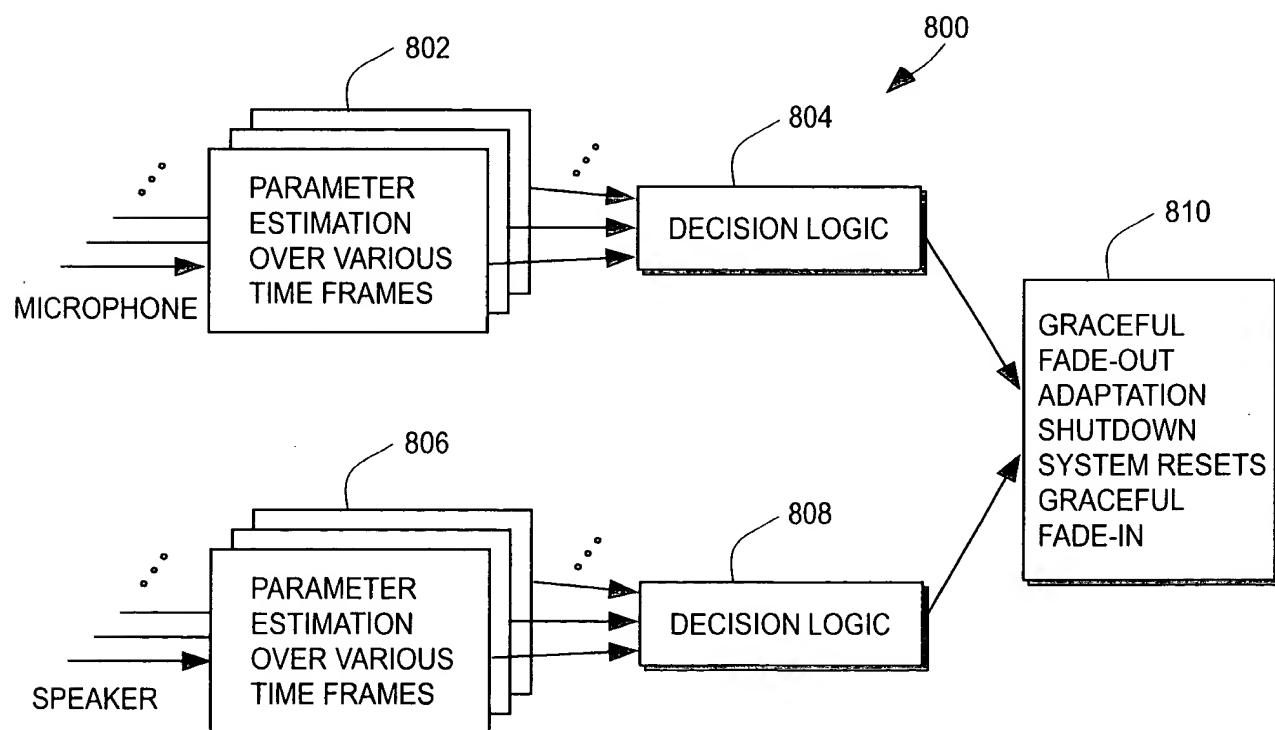
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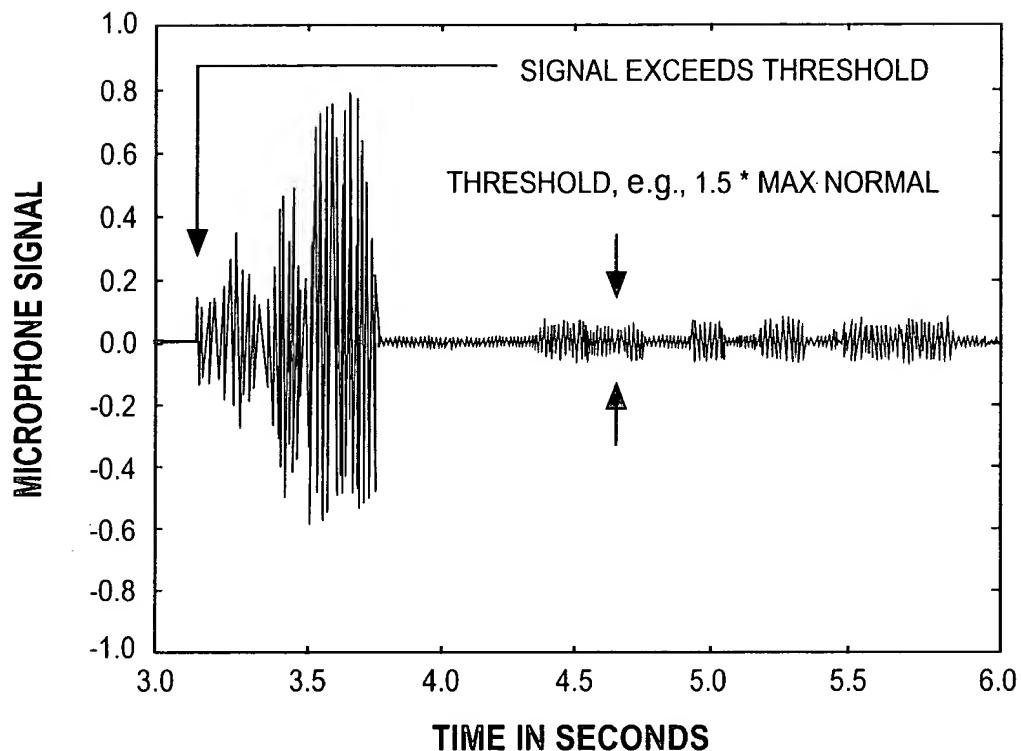
**FIG. 20**



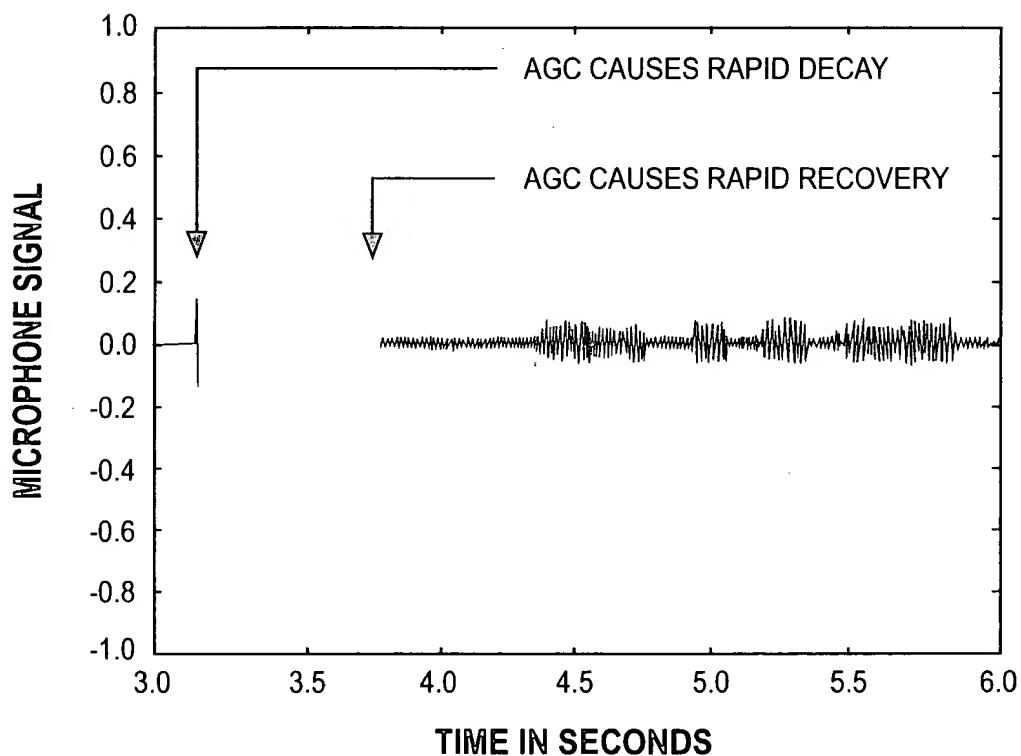
**FIG. 21**



**FIG. 22**



**FIG. 23**



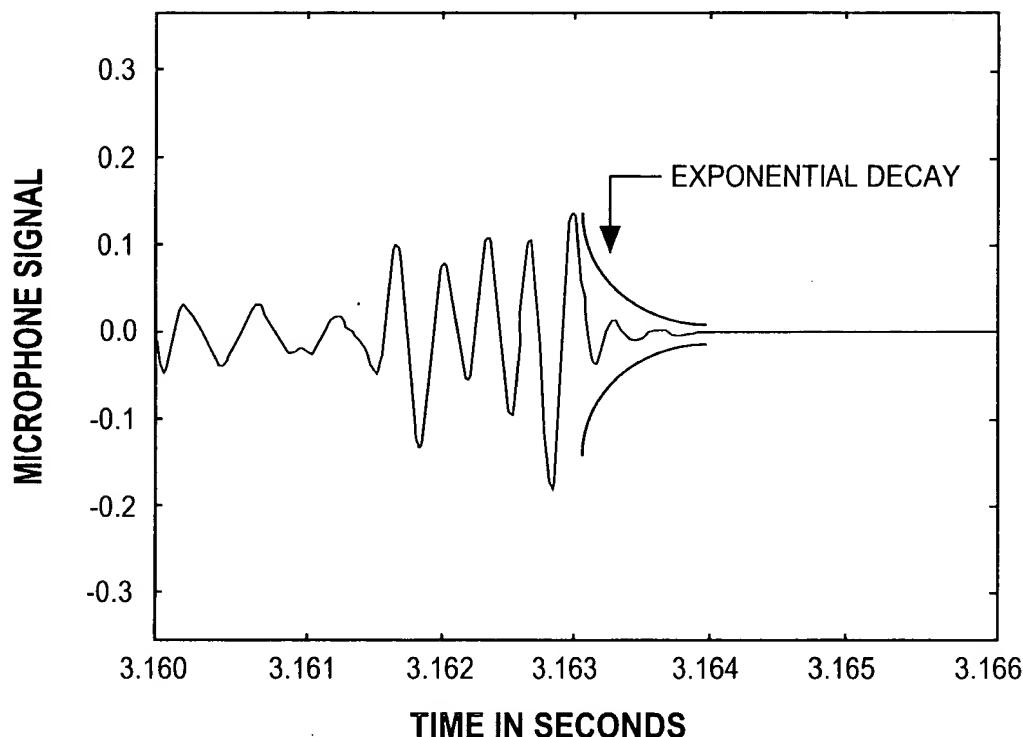
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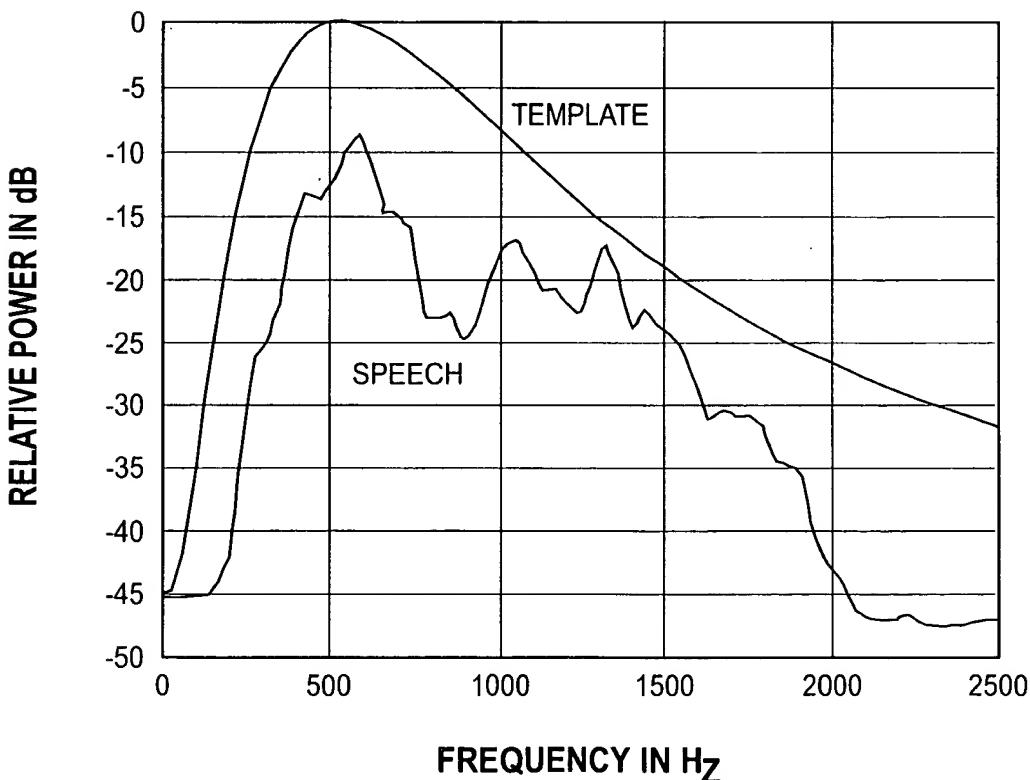
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**FIG. 24**



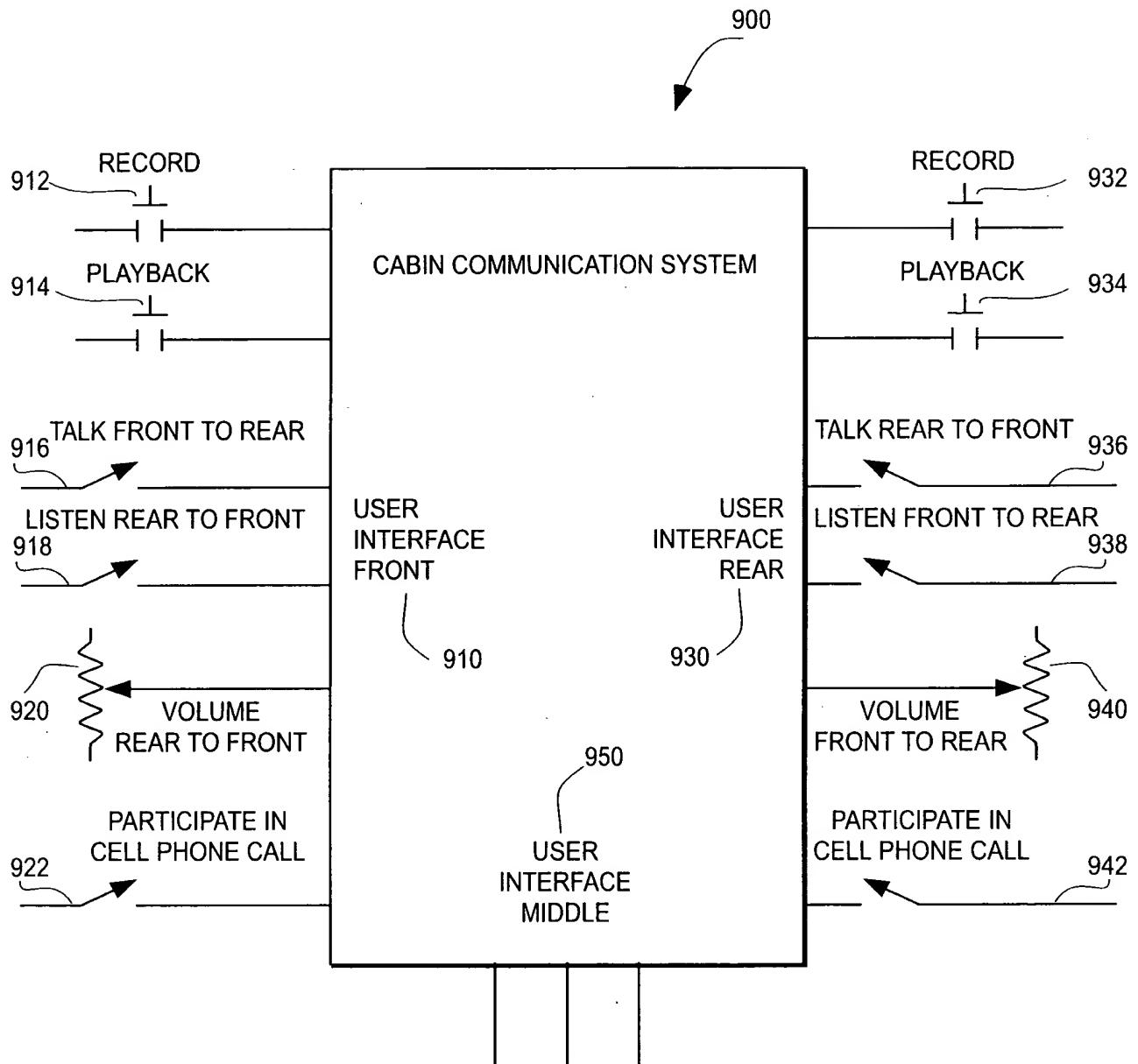
**FIG. 25**



**CORRECTED DRAWINGS**  
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**FIG. 26**



**CORRECTED DRAWINGS**  
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**NOISY ENVIRONMENT**

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Serial No. Docket No:

09/692,725

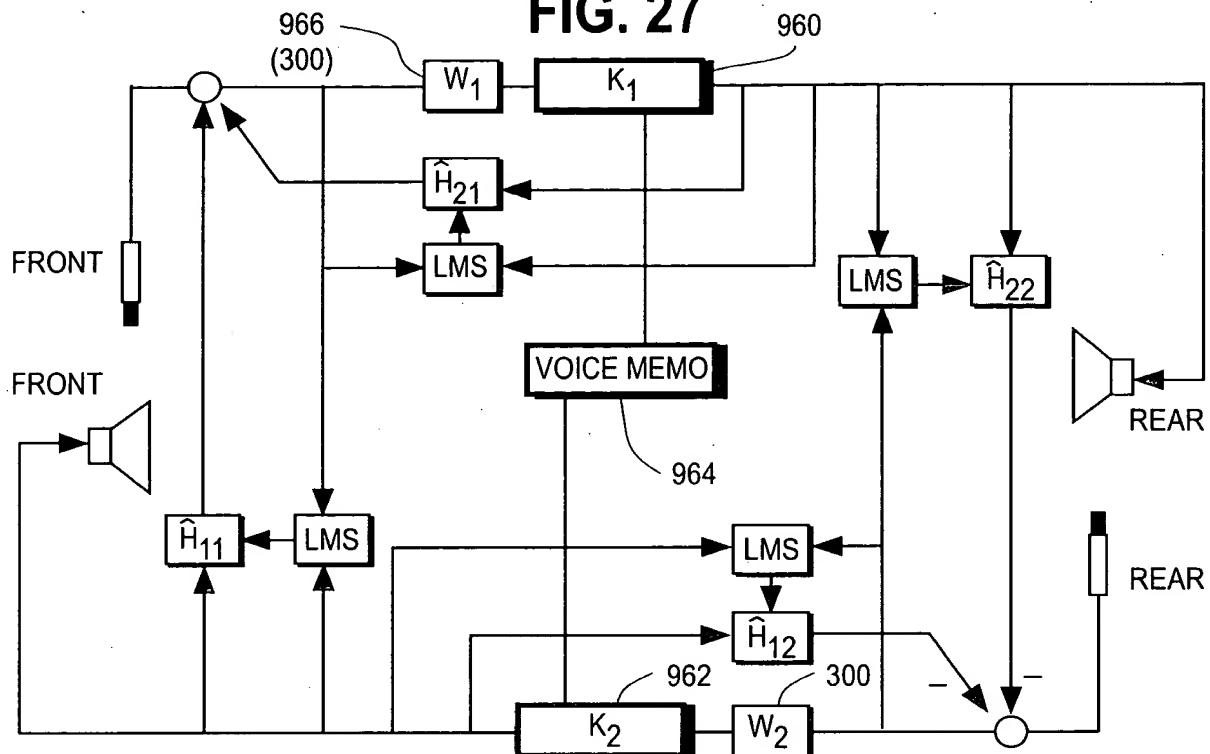
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FIG. 27



**FIG. 28**

## 3-WAY SWITCH FOR TALKING REAR TO FRONT

## PARTICIPATE IN CELL PHONE CALL FRONT (922)